

## EAST Search History

L63	30	(lens same drift same beams).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L62	17	("2715196"   "2888591"   "2912616"   "3118081"   "3745342"   "3885194"   "4082937"   "4084077"   "4268775"   "4401919"   "4675573").PN. OR ("6091187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L61	63	katsap.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L60	437	beamlets and (electron adj beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L59	154	L58 and (lens same (grid or mesh))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L58	2412	(drift adj (space or tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L57	15	("3921022"   "3921027").PN. OR ("4145635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L56	102	L55 and scalpel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L55	2869	(electron adj beam) and (stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L54	529	L50 L53 L52 L51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

L53	147	kruit.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L52	193	moonen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L51	183	waskiewicz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L50	63	katsap.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L49	63	katsap.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L48	4	("4767964"   "5079112"   "5759078"   "6232040").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L47	8	("3308293"   "3979590"   "5386115"   "5448063").PN. OR ("5838004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L46	2041	L45 and (free same field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L45	51898	(electron adj (beam or gun)) and (mask or reticle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L44	916	L43 and ((electric or electrostatic) adj field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

L43	2174	L42 L41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L42	1870	(L40 L39 L34 L35 L36 L37) and (beamlet or grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L41	2082	(L40 L39 L34 L35 L36 L37) and (mesh or grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L40	1126	313/414	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L39	195	313/452	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L38	51	("3105761"   "3630598"   "3748468"   "3862843").PN. OR ("5079112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L37	720	250/492.23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L36	1613	250/492.22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L35	5032	250/492.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L34	2942	250/492.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

L33	31	("3107313" "3651360" "3798478" "3852633" "4091311" "4381473" "4499405" "4553064" "5376792" "5936335" "5949078" "6091187" "6407399").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L32	916	L31 and ((electric or electrostatic) adj field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L31	2174	L29 L30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L30	2082	(L23 L24 L25 L26 L27 L28) and (mesh or grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L29	1870	(L23 L24 L25 L26 L27 L28) and (beamlet or grid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L28	720	250/492.23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L27	1613	250/492.22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L26	5032	250/492.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L25	2942	250/492.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L24	195	313/452	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

L23	1126	313/414	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L22	51	("3105761"   "3630598"   "3748468"   "3862843").PN. OR ("5079112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L21	102	L20 and scalpel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L20	2869	(electron adj beam) and (stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L19	2041	L18 and (free same field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L18	51898	(electron adj (beam or gun)) and (mask or reticle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L17	1732	(electron adj gun) and (gird or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L16	15	("3921022"   "3921027").PN. OR ("4145635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L15	1053	(electron adj gun) and (grid or mesh) and (drift or (field same free))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L14	49	L8 and (grid or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L13	8	("3308293"   "3979590"   "5386115"   "5448063").PN. OR ("5838004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41

## EAST Search History

L12	8	("4588928"   "5079112"   "5258246").PN. OR ("6232040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L11	27	L2 and (third adj (grid or mesh))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L10	4	("4767964"   "5079112"   "5759078"   "6232040").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L9	17	("2715196"   "2888591"   "2912616"   "3118081"   "3745342"   "3885194"   "4082937"   "4084077"   "4268775"   "4401919"   "4675573").PN. OR ("6091187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L8	529	L7 L4 L5 L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L7	63	katsap.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L6	183	waskiewicz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L5	193	moonen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L4	147	kruit.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L3	31	("3107313" "3651360" "3798478" "3852633" "4091311" "4381473" "4499405" "4553064" "5376792" "5936335" "5949078" "6091187" "6407399").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

L2	2120	L1 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L1	14861	(electron near3 (gun or source)) and (grid or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L81	26	250/492.\$2 and (drift) and (field same drift) and (lens same array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:08
L80	234	250/492.\$2 and (drift) and (field same drift)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:08
L79	808	250/492.\$2 and (drift)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:07
L78	2942	250/492.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:07
L77	9569	250/492.\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:07
L76	0	250/492.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 00:06
L75	1732	(electron adj gun) and (gird or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41



## EAST Search History

L74	1053	(electron adj gun) and (grid or mesh) and (drift or (field same free))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L73	27	L72 and (third adj (grid or mesh))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L72	2120	L71 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L71	14861	(electron near3 (gun or source)) and (grid or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L70	8	("4588928"   "5079112"   "5258246"). PN. OR ("6232040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L69	31	("3107313" "3651360" "3798478" "38 52633" "4091311" "4381473" "449940 5" "4553064" "5376792" "5936335" "5 949078" "6091187" "6407399").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L68	49	L54 and (grid or mesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/24 23:41
L67	1	L64 and diverg\$ and aberr\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L66	4	L64 and diverg\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L65	0	L64 and diverg	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41
L64	15	("3377492"   "3484645"   "3500107"   "4023061"   "4371809").PN. OR ("4583021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/24 23:41